



Scholarly Profiles as Service for Fairbanks

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Open Knowledge Librarian
IUPUI

Wikidata

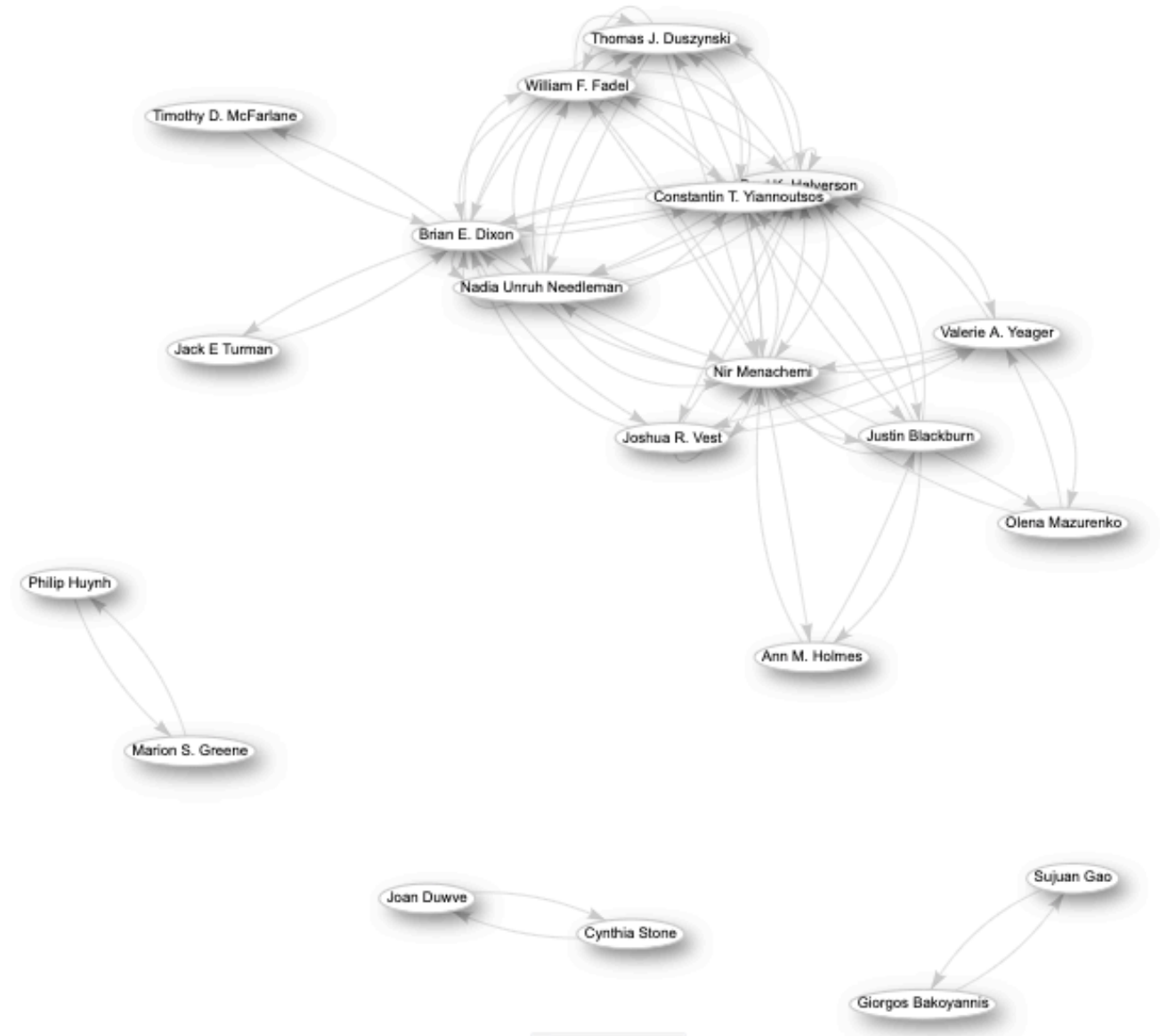
- A collaboratively edited knowledge base
 - ~27 thousand contributors from around the world
- Stores structured linked data under a CC0 license
- It can be read by both humans and machines
- Project led by Wikimedia Deutschland
- Multilingual central repository

Wikidata Stats

- ~8 thousand properties
- ~93 million items
 - Includes a growing collection of open citation data
 - ~37 million scholarly articles
 - ~243 million citations
 - ~20 million links from works to authors (***author*** (P50) property)
 - ~135 million authors not linked to articles (***author name string*** (P2093) property)

Scholia

- Web service
- Pulls information from the Wikidata knowledge base
- Displays scientific bibliographic information (authors, works, organizations, venues, series, publishers, sponsors, awards)
- Used to generate researchers' profiles and search their scholarship



Scholarly Profiles as Service

- Provide a presence in Wikidata for all IUPUI-affiliated faculty
- Contribute the scholarship produced by the faculty
- Make connections between the faculty and their works

IUPUI Women Faculty Scholarly Profiles

We are focusing our efforts on:

- Creating entries for IUPUI women faculty (assistant, associate or full) across disciplines
- Connecting faculty to existing articles
 - ***author name string*** (P2093) to ***author*** (P50)
- Adding new articles and making connections with the authors

Why using Wikidata for Scholarly Profiles?

- Aligns with our library's commitment to open knowledge [1]
- Ability to contribute to an open platform
- Opportunity to increase the representation of scholars and raise their profile
- Universities should “own” their scholarly records

[1] <http://www.ulib.iupui.edu/digitalscholarship/openknowledge>

How Are We Doing This?

Current Workflow for Authors

Semi-automated data gathering

- Using the IMPORTXML function in Google Sheets:
IMPORTXML(url, xpath_query)
 - Author's name, job title, website URL

Manual process data gathering

- Authors' biographical data from the school's website
- Archiving URLs to use as part of the references
- Identifiers (Scopus, Google Scholar ID, ORCID)

- Downloading CVs





OpenRefine



QuickStatements



Wikidata

- Author's name
- Job title
- Bio data
(education history)
- Identifiers
- Website URL & Retrieved date
- Archived URL & Archived date

- Author's name
- Job title
- Bio data
(education history)
- Identifiers
- Website URL & Retrieved date
- Archived URL & Archived date

- Instance of
- Employment info
- Affiliated school
- Work location
- Language
- Sex or gender
- Occupation

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- Employment info
- Affiliated school
- Work location
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- Sex or gender
- Occupation

007: Amy Irby-Shasanmi	
007: Academic	
instance of [P31]: human [Q5]	
sex or gender [P21]: female [Q6581072]	
employer: Indiana	reference URL [P854]: "https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html"
[P108] University –	retrieved [P813]: 2021-02-07
Purdue	archive: "https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby
University	URL shasanmi-amy.html"
Indianapolis	[P1065]
[Q1433199]	archive date [P2960]: 2021-02-07
affiliation: Indiana	reference URL [P854]: "https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html"
[P1416] University School	retrieved [P813]: 2021-02-07
of Liberal Arts	archive: "https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby
[Q6023649]	URL shasanmi-amy.html"
	[P1065]
	archive date [P2960]: 2021-02-07
work : Indianapolis	reference URL [P854]: "https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html"
location [Q6346]	retrieved [P813]: 2021-02-07
[P937]	archive: "https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby
	URL shasanmi-amy.html"
	[P1065]
	archive date [P2960]: 2021-02-07
languages spoken, : English	reference URL [P854]: "https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html"
written or signed [Q1860]	retrieved [P813]: 2021-02-07
[P1412]	archive: "https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby
	URL shasanmi-amy.html"
	[P1065]
	archive date [P2960]: 2021-02-07

<p>(Q105380966)</p>	<p>Watch</p>
<p>English</p>	
<h1>Amy Irby-Shasanmi</h1>	
<p>academic</p>	
<p>Amy Irby</p>	
<p>▼ In more languages</p>	
<h2>Statements</h2>	
<p>instance of</p> <ul style="list-style-type: none"> human <p>0 references</p>	
<p>sex or gender</p> <ul style="list-style-type: none"> female <p>0 references</p>	
<p>given name</p> <ul style="list-style-type: none"> Amy <p>0 references</p>	<p>occupation</p> <ul style="list-style-type: none"> university teacher <p>1 reference</p> <p>reference URL https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>retrieved 7 February 2021</p> <p>archive URL https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>archive date 7 February 2021</p>
<p>family name</p> <ul style="list-style-type: none"> Irby <p>series ordinal 1</p> <p>0 references</p>	<ul style="list-style-type: none"> researcher <p>1 reference</p> <p>reference URL https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>retrieved 7 February 2021</p> <p>archive URL https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>archive date 7 February 2021</p>
<p>languages spoken, written or signed</p>	
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<p>affiliation</p> <ul style="list-style-type: none"> Indiana University School of Liberal Arts <p>1 reference</p> <p>reference URL https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>retrieved 7 February 2021</p> <p>archive URL https://web.archive.org/web/20210208041321/https://liberalarts.iupui.edu/about/directory/irby-shasanmi-amy.html </p> <p>archive date 7 February 2021</p>	
<p>employer</p> <ul style="list-style-type: none"> Indiana University – Purdue	

Current Workflow for Articles

Creating new article entries

- Using the SourceMD [1] & QuickStatements [2] tools
- Adding them manually if:
 - They don't have an identifier (DOI, PMID, PMCID)
 - No data is retrieved by the SourceMD tool

Linking existing article entries to researchers/faculty

- Using the Author Disambiguator [3] tool
- If/when the tool is down, making the connection manually

[1] https://sourcemd.toolforge.org/index_old.php

[2] <https://quickstatements.toolforge.org/#/>

[3] https://author-disambiguator.toolforge.org/names_oauth.php

Gerardo Maupomé Scholarly Profile in Scholia

<https://scholia.toolforge.org/author/Q44402009>

author

Gerardo Maupomé (Q44402009)

 <https://orcid.org/0000-0002-3590-0864>

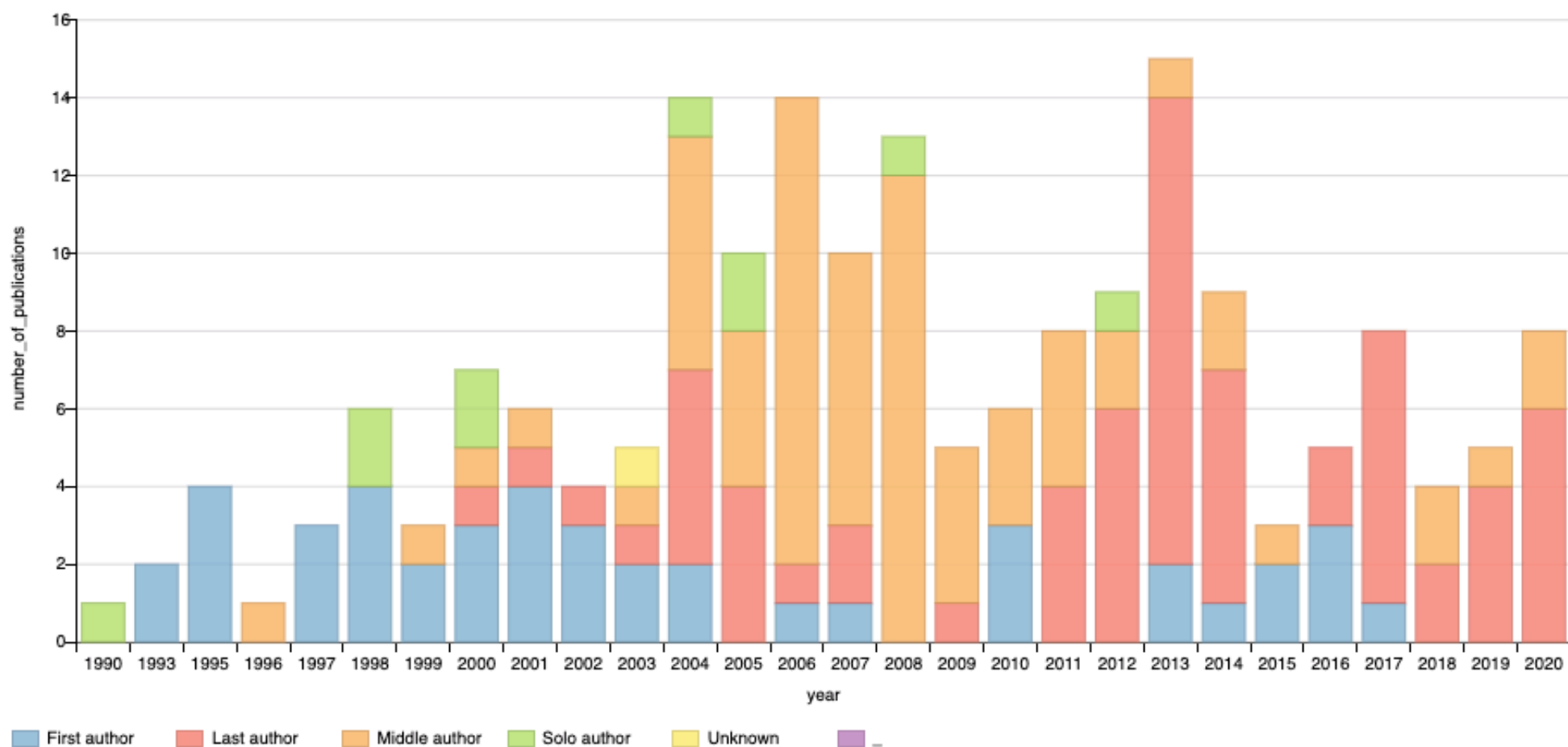
List of publications

Show entries

Search:

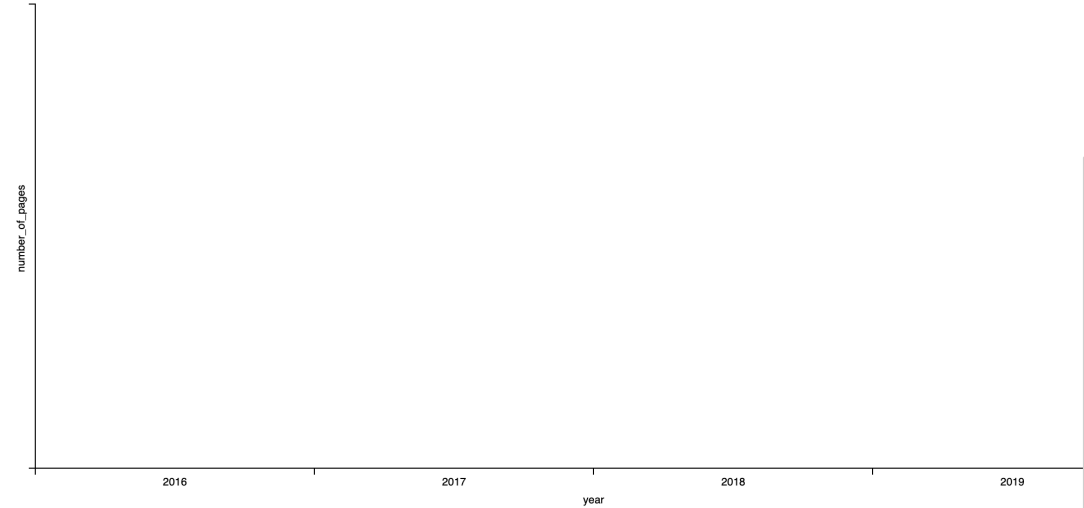
Date	Work	Type	Pages	Venue	Authors
2020-12-03	Long-term effects of a toddler-focused caries prevention programme among Northwestern US tribal children: The TOTS-to-Tweens study	scholarly article	7	Community Dentistry and Oral Epidemiology	Nicole Holdaway Smith , Eli Schwarz , Candice Jimenez , Gerardo Maupomé
2020-11-01	Utilization of Silver Diamine Fluoride by Dentists in the United States: A Dental Claims Review	scholarly article	7	Pediatric Dentistry	Gerardo Maupomé
2020-09-01	Longevity of Primary Anterior Crown Restorations: A Retrospective Dental Claim Analysis	scholarly article	6	Journal of Dentistry for Children	Gerardo Maupomé
2020-07-31	Dental pain and associated factors in Mexican adolescents and young adults: a cross-sectional study	scholarly article	7	International Dental Journal	Jose Obed Garcia Cortes , Rubén de la Rosa-Santillana , Rosalina Islas-Zarazúa , José de Jesús Navarrete-Hernández , Ricardo Martinez-Rider , Jairo Mariel-Cárdenas , Gerardo Maupomé , Carlo E Medina-Solís

Number of publications per year



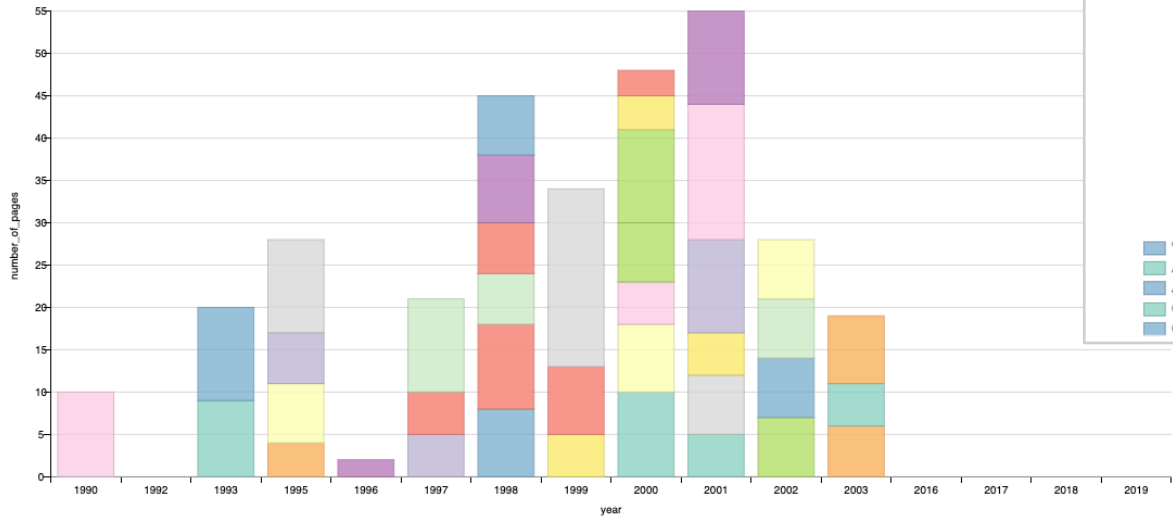
Number of pages per year

(Only articles with number of pages set are displayed)



Number of pages per year

(Only articles with number of pages set are displayed)



- A comparison of seni
- Cumulative assessmen
- Is there a sound bas
- Prosthetic profil
- [Fluoride content of
- An introspective qua
- Decisions on diagnos
- Knowledge and opinio
- [Soft drink consumpt
- Attitudes of a group
- Dental caries experi
- Strategies to refor
- Attitudes toward HIV
- Effects of diameter,
- Oral disorders in in
- Structured review of
- [The disjunctive in
- Caries experience an
- Explanatory models i
- Oral hygiene, gingiv
- Survey on attitudes
- [The prevalence of c
- Caries experience in
- In vitro quantitativ
- Patterns of dental c
- Tooth-surface progre
- [Training future den
- Clinical decision-ma
- In vivo diagnostic a
- Perceptions of the i
- Attitudes and habit
- Criteria for restora
- Intravenous sedation
- Perceptions of tooth
- [Dental education at
-

Number of pages per year

(Only articles with number of pages set are displayed)

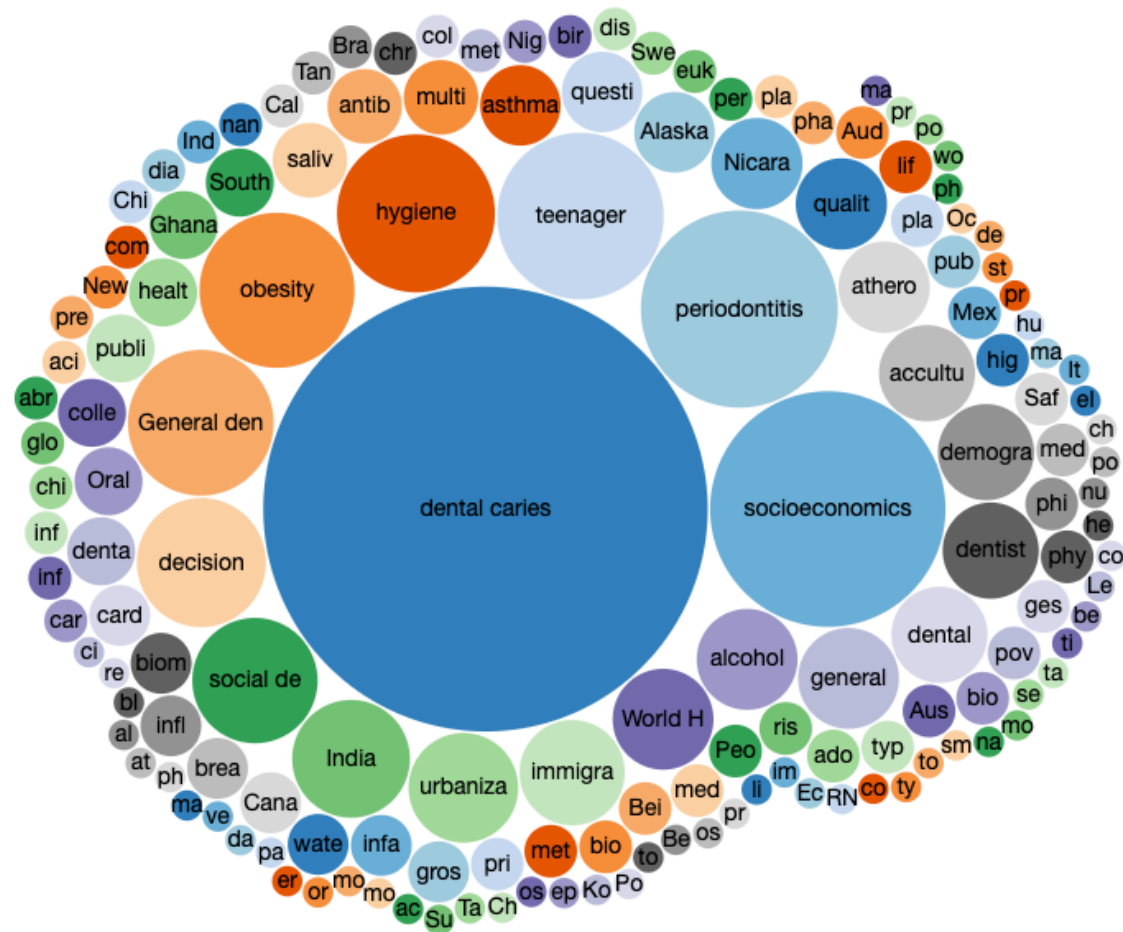


- *Does this Look Inf
- An introspective qua
- Association between
- Changes in dental fl
- Conundrums in health
- A closer look at dia
- Antidepressant xerog
- Attitudes of a group
- Chlorhexidine and pr
- Criteria for restora
- A community-based in
- Are dental patients
- Attitudes toward HIV
- Cigarette smoking an
- Cumulative assessmen
- A comparison of dent
- Are statins associat
- Caries experience an
- Clinical decision-ma
- Current trends in pu
- A comparison of seni
- Caries experience in
- Clinician-Patient Sm
- Decisions on diagnos
- Adaptation of the Ps
- Assessment of the ca
- Caries increment in
- Consensus training:
- Demand in pediatric

Topics

Topic scores

Topics based on a weighting between fields of work, topics of authored works and topics of citing works.



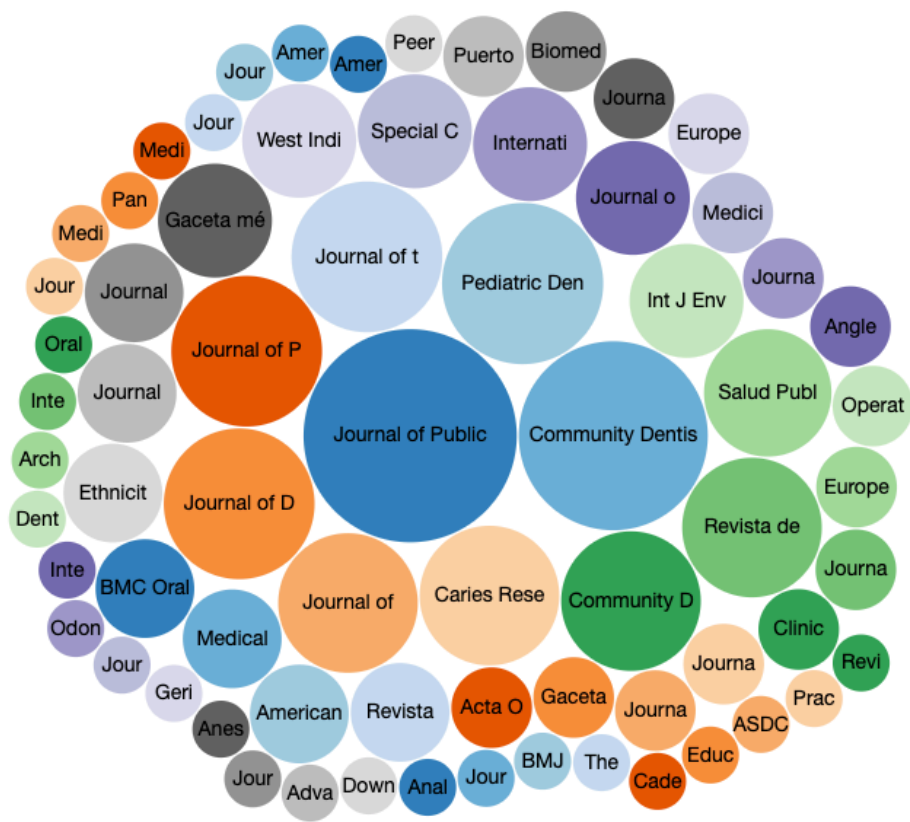
Topics of authored works

Show 10 entries

Search:

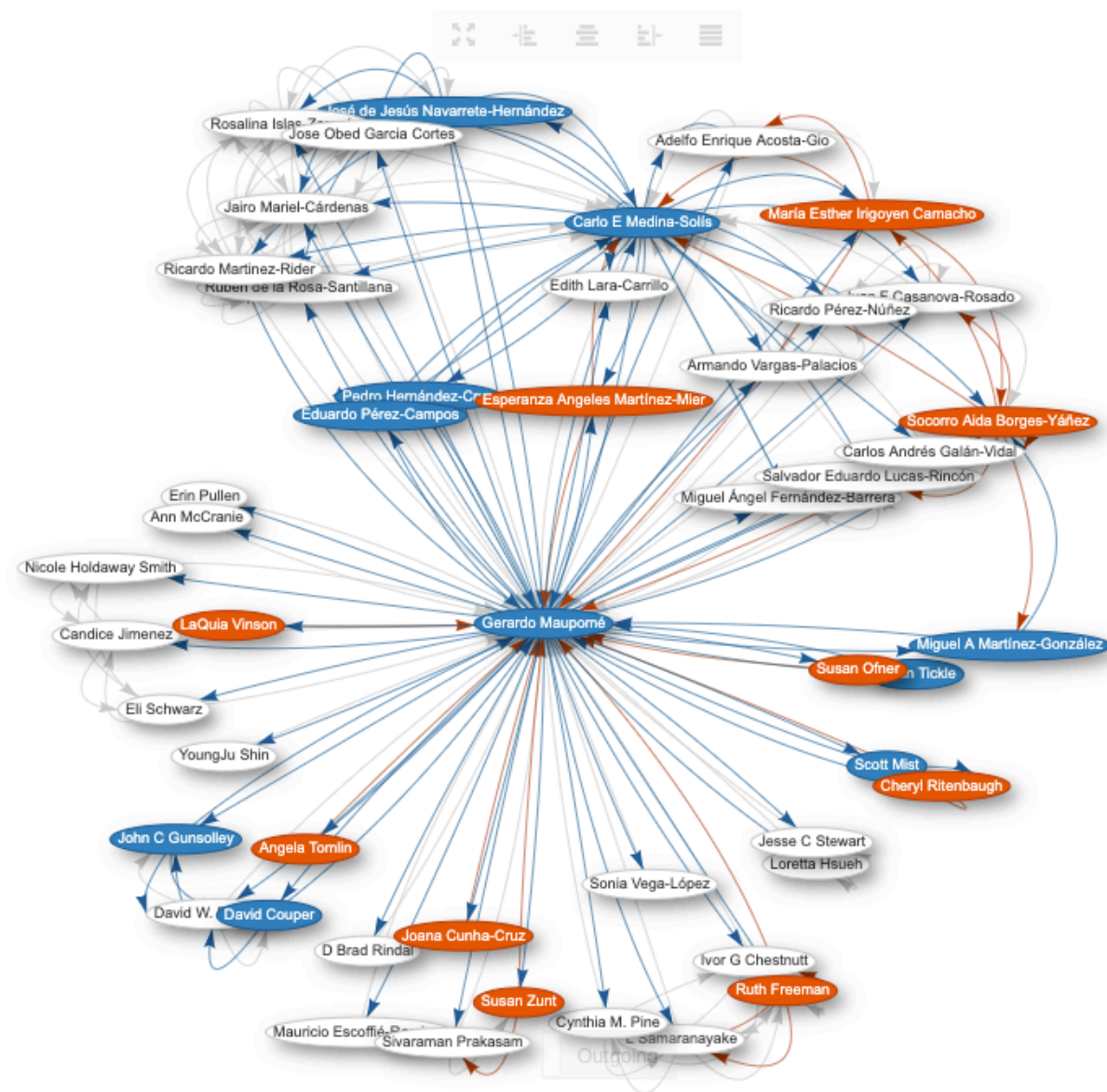
Count	Theme	Example work
25	dental caries	A closer look at diagnosis in clinical dental practice: part 5. Emerging technologies for caries detection and diagnosis.
7	socioeconomics	Tooth brushing frequency in Mexican schoolchildren and associated socio-demographic, socioeconomic, and dental variables
6	General dentistry	Network science and oral health research
4	hygiene	Qualitative description of dental hygiene practices within oral health and dental care perspectives of Mexican-American adults and teenagers.
4	decision making	Diagnostic thinking and information used in clinical decision-making: a qualitative study of expert and student dental clinicians
3	periodontitis	Risk factors and prevalence of periodontitis in community-dwelling elders in Mexico.
3	urbanization	An introspective qualitative report on dietary patterns and elevated levels of dental decay in a deprived urban population in northern Mexico.
3	acculturation	Adaptation of the Psychological-Behavioral Acculturation Scale to a Community of Urban-based Mexican Americans in the United States.
3	teenager	Prevalence and severity of dental caries in adolescents aged 12 and 15 living in communities with various fluoride concentrations.
2	social demography	Socioeconomic, sociodemographic, and clinical variables associated with root caries in a group of persons age 60 years and older in Mexico.

Venue statistics

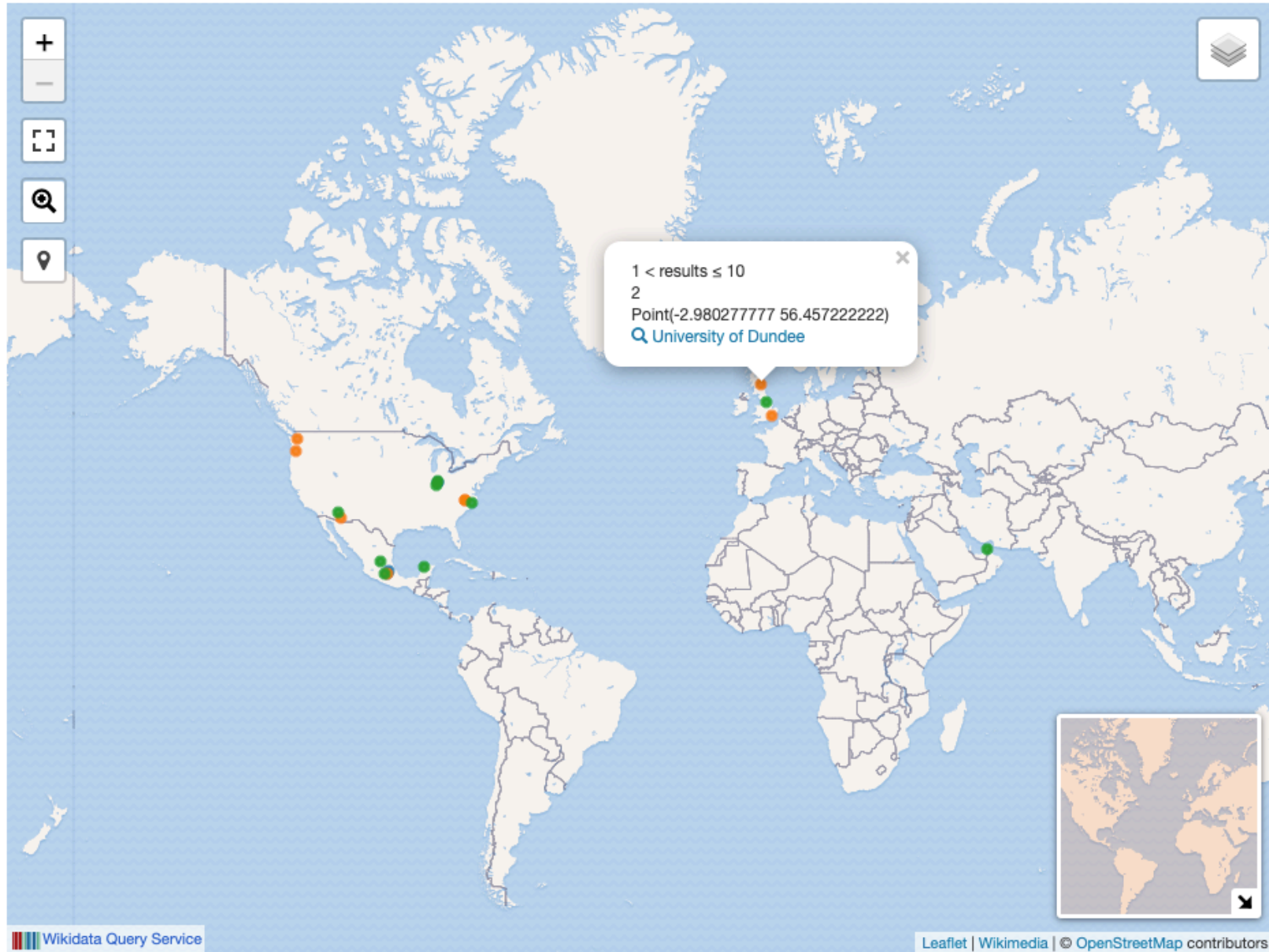


Count	Short name	Venue	Topics
14		Journal of Public Health Dentistry	
11		Community Dentistry and Oral Epidemiology	dental public health
8		Pediatric Dentistry	
7		Journal of the Canadian Dental Association	dentistry
7		Journal of Periodontology	periodontology
7		Journal of Dental Education	
6		Journal of the American Dental Association	
6		Caries Research	
6		Community Dental Health	
6		Revista de investigacion clinica; organo del Hospital de Enfermedades de la Nutricion	

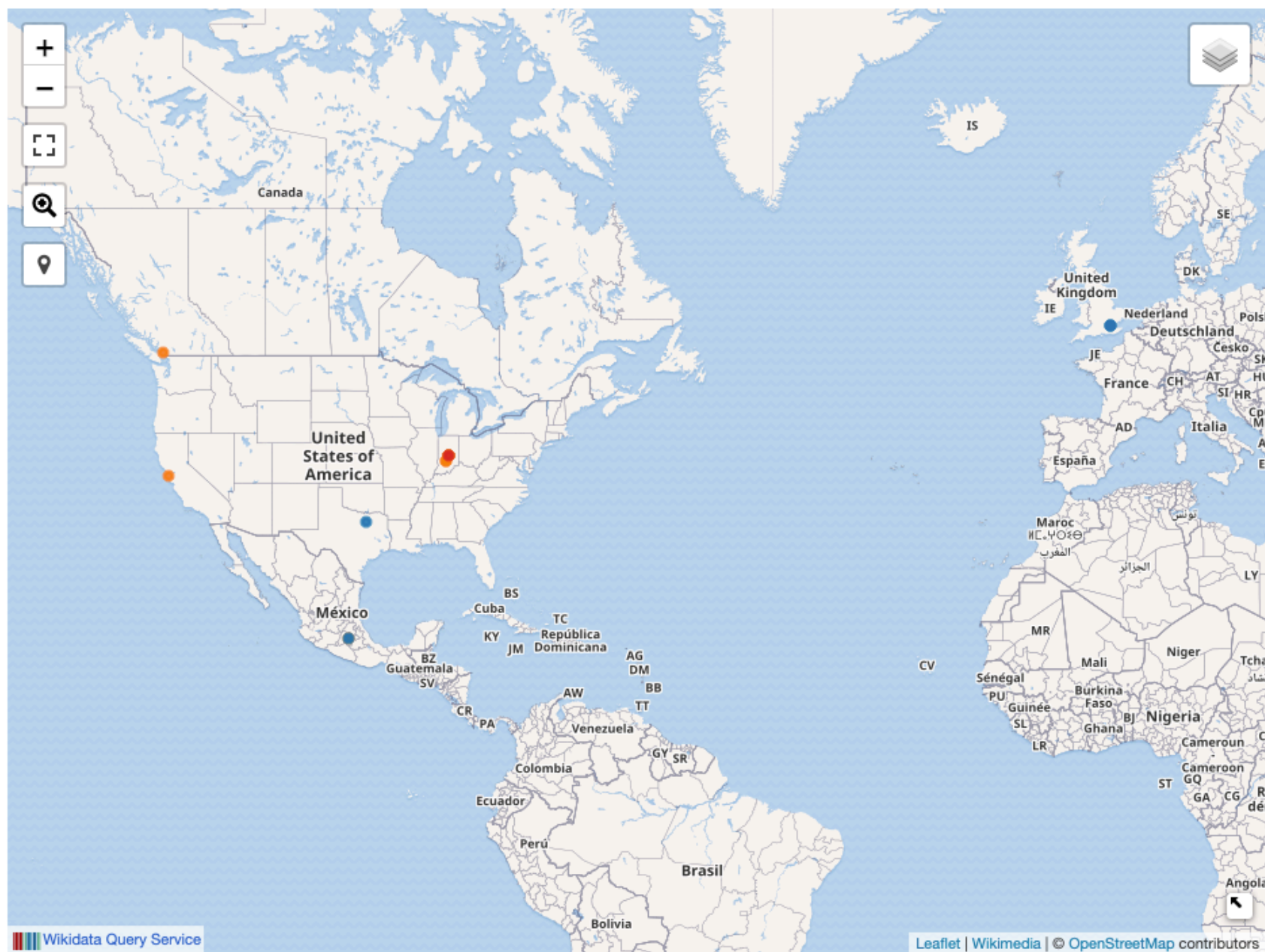
Co-author graph



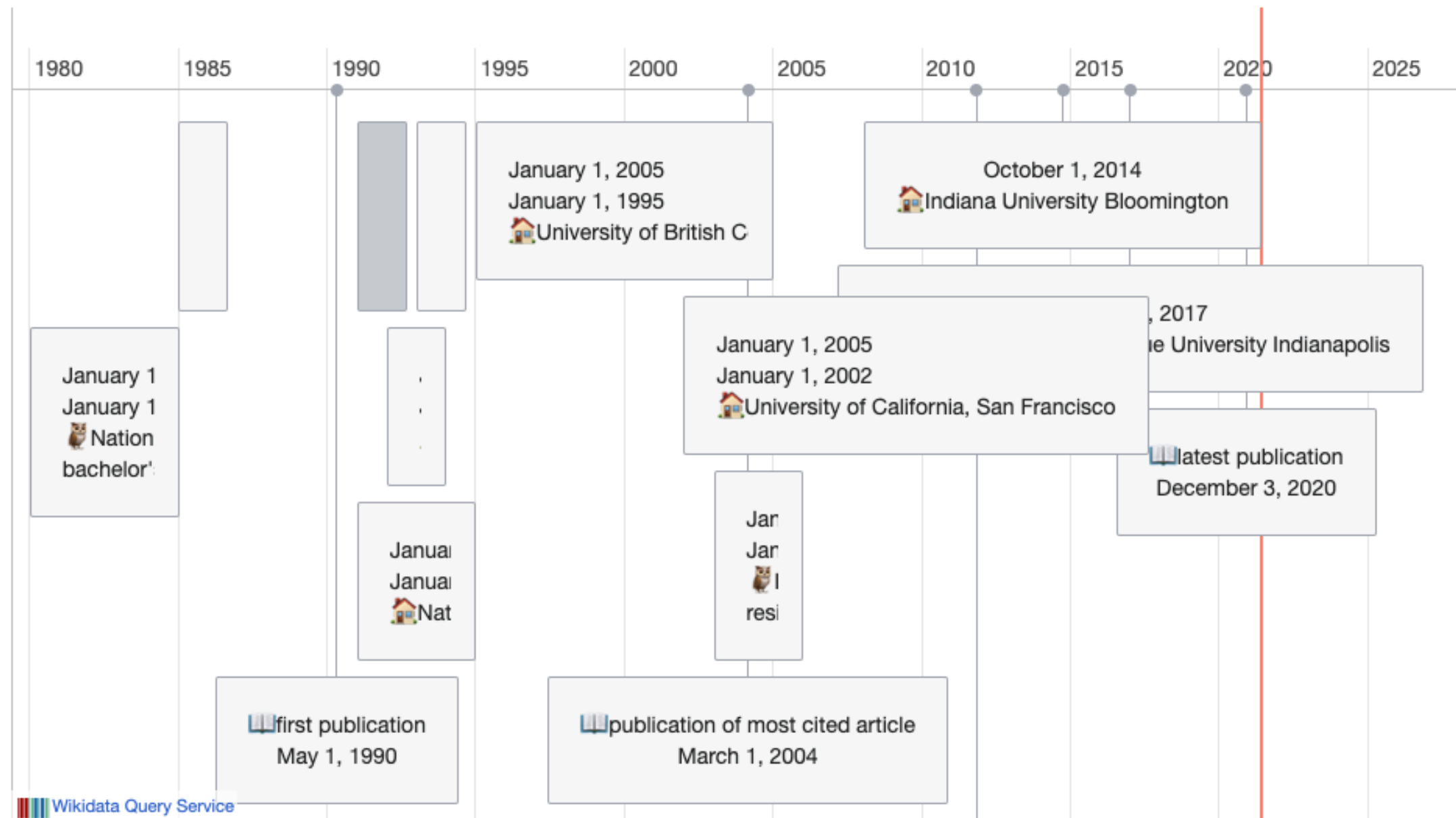
Co-author map



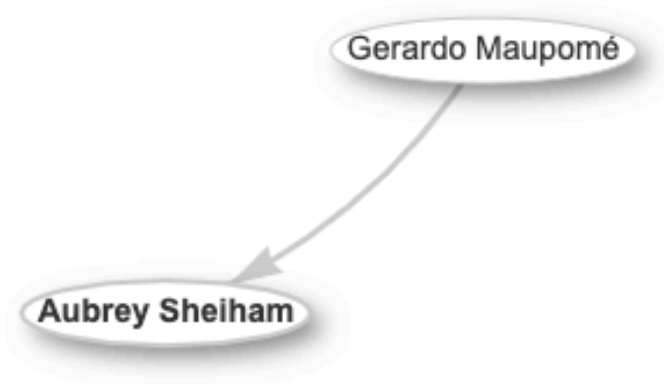
Other locations



Timeline



Academic tree



Citation statistics

Most cited works

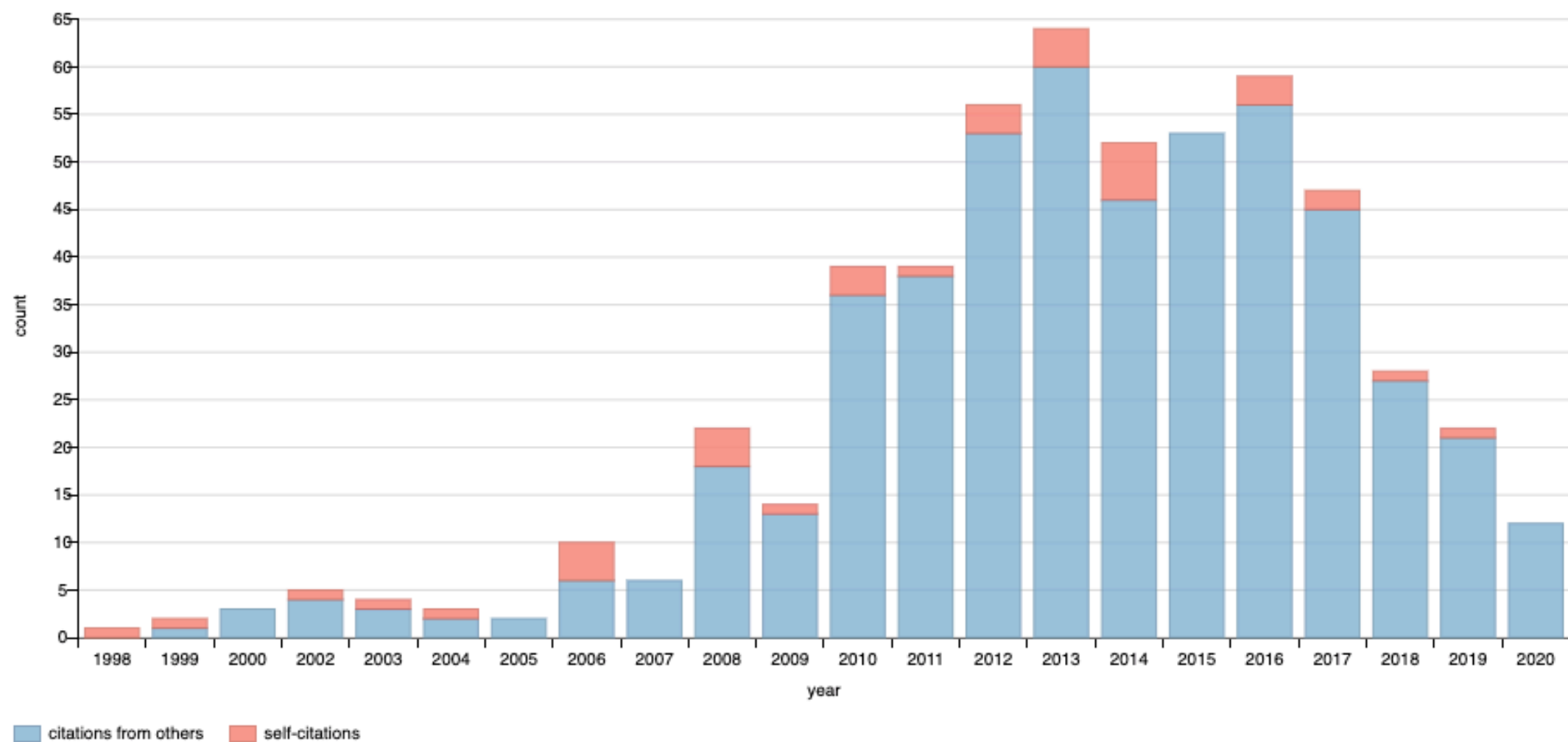
Works of the author ordered according to number of citations received.

Show entries

Search:

Count	Work
26	International comparisons of health inequalities in childhood dental caries.
26	Results from the Periodontitis and Vascular Events (PAVE) Study: a pilot multicentered, randomized, controlled trial to study effects of periodontal therapy in a secondary prevention model of cardiovascular disease
24	The Periodontitis and Vascular Events (PAVE) pilot study: adverse events.
24	The TOTS community intervention to prevent overweight in American Indian toddlers beginning at birth: a feasibility and efficacy study.
19	Risk factors and prevalence of periodontitis in community-dwelling elders in Mexico.
19	Edentulism among Mexican adults aged 35 years and older and associated factors.
15	Sociobehavioral factors influencing toothbrushing frequency among schoolchildren.
13	Efficacy of chlorhexidine varnish for the prevention of adult caries: a randomized trial.
13	Developing explanatory models of health inequalities in childhood dental caries.
13	Prevalence and severity of dental caries in adolescents aged 12 and 15 living in communities with various fluoride concentrations.

Citations by year



Citing authors

Authors that cite the author (excluding self citations).

Show entries

Search:

Count	Citing author	Orcid
22	Carlo E Medina-Solís	0000-0002-1410-9491
7	Barbara Broffitt	orcid-search/quick-search/?searchQuery=Barbara%20Broffitt
7	Socorro Aida Borges-Yáñez	0000-0002-0967-5616
6	Yan Si	0000-0002-6657-6550
5	Juan F Casanova-Rosado	0000-0001-7622-5132
5	Karl Peltzer	0000-0002-5980-0876
5	Sonica Singhal	0000-0002-9233-9348
5	Peter Milgrom	0000-0003-0784-9181
4	Dedra S. Buchwald	orcid-search/quick-search/?searchQuery=Dedra%20S.%20Buchwald
4	Lindsay McLaren	orcid-search/quick-search/?searchQuery=Lindsay%20McLaren

Associated images



 [commons:Senate House UoL.jpg](#)



 [commons:CU-Mexico-rectoria-1.jpg](#)



 [commons:The Royal College of Surgeons on the south...](#)
 Wikidata Query Service

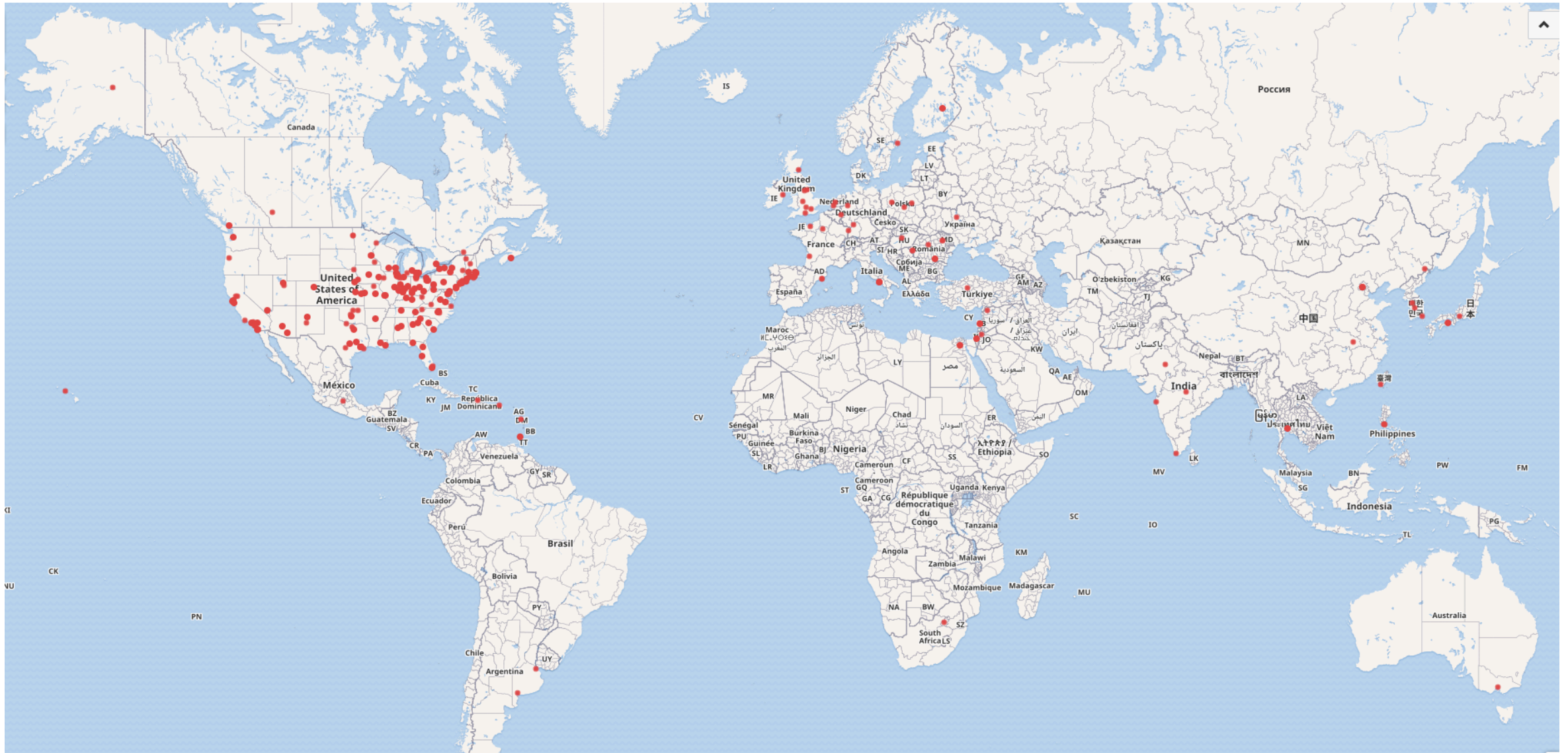


 [commons:IUB-Showalter Fountain.jpg](#)

What are the common topics of articles written by IUPUI faculty?

#	Work count	Topic	Type of topic	Superclass of topic	studied by	Sitelinks of item about topic	Sample IUPUI faculty having published on the topic
1	281	teenager	demographic profile	human population group	adolescent medicine	15	Matthew C. Aalsma
2	243	schizophrenia	rare disease	psychosis schizophrenia spectrum disorder		111	Tatiana Foroud
3	167	Alzheimer's disease	rare disease	tauopathy aging-associated diseases		118	Tatiana Foroud
4	160	COVID-19	emerging communicable disease atypical pneumonia	atypical pneumonia coronavirus disease viral pneumonia zoonosis		166	Mohamed A. Zaazoue
5	142	malaria	endemic disease	parasitic protozoa infectious disease vector-borne disease		164	Dibyadyuti Datta
6	122	autism	disability pervasive developmental disorder	autism spectrum		110	Aaron E. Carroll
7	117	obesity	Health risk and inequitable distribution of liquor stores in African American neighborhood.	overnutrition		122	Raghavendra G Mirmira
8	113	patient	state	human sick person customer		65	Jeremy D Greenlee
9	107	heart failure	complication	cardiovascular disease clinical sign cardiovascular system symptom		68	Tatiana Foroud
10	102	type-1 diabetes		diabetes mellitus autoimmune disease of endocrine system		37	Raghavendra G Mirmira
11	98	biomarker		indicator		28	Sunil S. Badve
12	85	endothelium	tissue medical term	simple squamous epithelium Meso-epithelium		41	Melissa Fishel
13	81	genome-wide association study		experiment		16	Andrew J. Saykin
14	79	mental health		health psychology absence health		59	Matthew C. Aalsma

Where did IUPUI faculty got their doctorate?



How can you help us improve your Profile?

- Share a copy of your CV
 - Include identifiers for the publications whenever possible (e.g. DOI, PubMed ID, etc.)
- Create an ORCID profile
 - Keep it up-to-date
- Share your picture to be contributed to Wikimedia Commons under an open license (CC-BY-SA)



wikidata

the free wiki-like database

Mairelys Lemus-Rojas

Open Knowledge Librarian

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